

Qiu-Yun Xiang

List of Publications by Year in descending order

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74
papers

3,441
citations

147566

31
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149479

56
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78
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78
docs citations

78
times ranked

2761
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Pipeline for Removing Paralogs in Target Enrichment Data. <i>Systematic Biology</i> , 2022, 71, 410-425.	2.7	28
2	Phylogenomics and biogeography of <i>Torreya</i> (Taxaceae)â€”Integrating data from three organelle genomes, morphology, and fossils and a practical method for reducing missing data from RAD-seq. <i>Journal of Systematics and Evolution</i> , 2022, 60, 1241-1262.	1.6	7
3	Next Steps in Integrative Biology: Mapping Interactive Processes Across Levels of Biological Organization. <i>Integrative and Comparative Biology</i> , 2021, , .	0.9	5
4	Phylogenomics, co-evolution of ecological niche and morphology, and historical biogeography of buckeyes, horsechestnuts, and their relatives (Hippocastaneae, Sapindaceae) and the value of RAD-Seq for deep evolutionary inferences back to the Late Cretaceous. <i>Molecular Phylogenetics and Evolution</i> , 2020, 145, 106726.	1.2	24
5	Phylogenomics, biogeography, and evolution of the blue-or white-fruited dogwoods (<i>Cornus</i>)â€”Insights into morphological and ecological niche divergence following intercontinental geographic isolation. <i>Journal of Systematics and Evolution</i> , 2020, 58, 604-645.	1.6	15
6	In memory of Professor Tang Yan-Cheng: New perspectives in systematic and evolutionary biology. <i>Journal of Systematics and Evolution</i> , 2020, 58, 527-532.	1.6	0
7	Genetic insights into the evolution of genera with the eastern Asia-eastern North America floristic disjunction: a transcriptomics analysis. <i>American Journal of Botany</i> , 2020, 107, 1736-1748.	0.8	6
8	Phylogenomics, biogeography, and evolution of morphology and ecological niche of the eastern Asian-eastern North American <i>Nyssa</i> (Nyssaceae). <i>Journal of Systematics and Evolution</i> , 2020, 58, 571-603.	1.6	24
9	Population structure, landscape genomics, and genetic signatures of adaptation to exotic disease pressure in <i>Cornus florida</i> L.â€”Insights from GWAS and GBS data. <i>Journal of Systematics and Evolution</i> , 2020, 58, 546-570.	1.6	13
10	In Memory of Professor Yan-Cheng Tangâ€”A Brief Biography and Academic Contributions. <i>Harvard Papers in Botany</i> , 2020, 25, .	0.1	0
11	Plastid phylogenomics and biogeographic analysis support a trans-Tethyan origin and rapid early radiation of Cornales in the Mid-Cretaceous. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106601.	1.2	37
12	Functional characterization of Terminal Flower1 homolog in <i>Cornus canadensis</i> by genetic transformation. <i>Plant Cell Reports</i> , 2019, 38, 333-343.	2.8	2
13	Natural selection and repeated patterns of molecular evolution following allopatric divergence. <i>ELife</i> , 2019, 8, .	2.8	18
14	Resolving relationships and phylogeographic history of the <i>Nyssa sylvatica</i> complex using data from RAD-seq and species distribution modeling. <i>Molecular Phylogenetics and Evolution</i> , 2018, 126, 1-16.	1.2	39
15	Discovering variation of secondary metabolite diversity and its relationship with disease resistance in <i>Cornus florida</i> L.. <i>Ecology and Evolution</i> , 2018, 8, 5619-5636.	0.8	19
16	Ecological genomics of local adaptation in <i>Cornus florida</i> L. by genotyping by sequencing. <i>Ecology and Evolution</i> , 2017, 7, 441-465.	0.8	43
17	Down regulation of APETALA 3 homolog resulted in defect of floral structure critical to explosive pollen release in <i>Cornus canadensis</i> . <i>Journal of Systematics and Evolution</i> , 2017, 55, 566-580.	1.6	2
18	Evolution and developmental genetics of floral displayâ€”A review of progress. <i>Journal of Systematics and Evolution</i> , 2017, 55, 487-515.	1.6	20

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19	Alterations of Cor TFL 1 and Cor AP 1 expression correlate with major evolutionary shifts of inflorescence architecture in <i>Cornus</i> (Cornaceae) – a proposed model for variation of closed inflorescence forms. <i>New Phytologist</i> , 2017, 216, 519-535.	3.5	19
20	Evolution, development, and genetics of floral display – form, size, and arrangement. <i>Journal of Systematics and Evolution</i> , 2017, 55, 485-486.	1.6	1
21	Testing the monophyly of <i>Aesculus</i> L. and <i>Billia</i> Peyr., woody genera of tribe Hippocastaneae of the Sapindaceae. <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 145-151.	1.2	12
22	Genetic structure and post-glacial expansion of <i>Cornus florida</i> L. (Cornaceae): integrative evidence from phylogeography, population demographic history, and species distribution modeling. <i>Journal of Systematics and Evolution</i> , 2016, 54, 136-151.	1.6	20
23	Analysis of two TFL1 homologs of dogwood species (<i>Cornus</i> L.) indicates functional conservation in control of transition to flowering. <i>Planta</i> , 2016, 243, 1129-1141.	1.6	19
24	Phylogenomic approaches to deciphering the tree of life. <i>Journal of Systematics and Evolution</i> , 2015, 53, 369-370.	1.6	25
25	Phylogenomics of polyploid <i>Fothergilla</i> (Hamamelidaceae) by RAD-tag based GBS – insights into species origin and effects of software pipelines. <i>Journal of Systematics and Evolution</i> , 2015, 53, 432-447.	1.6	39
26	Adaptive and nonadaptive genome size evolution in Karst endemic flora of China. <i>New Phytologist</i> , 2014, 202, 1371-1381.	3.5	91
27	Molecular phylogenetic analysis suggests paraphyly and early diversification of <i>Philadelphus</i> (<i>Hydrangeaceae</i>) in western North America: New insights into affinity with <i>Carpenteria</i> . <i>Journal of Systematics and Evolution</i> , 2013, 51, 545-563.	1.6	12
28	Characterization of the sequence and expression pattern of LFY homologues from dogwood species (<i>Cornus</i>) with divergent inflorescence architectures. <i>Annals of Botany</i> , 2013, 112, 1629-1641.	1.4	16
29	Comparative phylogeography of the <i>Smilax hispida</i> group (Smilacaceae) in eastern Asia and North America – Implications for allopatric speciation, causes of diversity disparity, and origins of temperate elements in Mexico. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 300-311.	1.2	35
30	Inferring the biogeographic origins of intercontinental disjunct endemics using a Bayesian DIVA approach. <i>Journal of Systematics and Evolution</i> , 2013, 51, 117-133.	1.6	62
31	De novo Sequencing, Characterization, and Comparison of Inflorescence Transcriptomes of <i>Cornus canadensis</i> and <i>C. florida</i> (Cornaceae). <i>PLoS ONE</i> , 2013, 8, e82674.	1.1	12
32	Evolution of bract development and MADS box gene expression in petaloid bracts of <i>Cornus</i> s.l. (Cornaceae). <i>New Phytologist</i> , 2012, 196, 631-643.	3.5	24
33	Recent vicariance and the origin of the rare, edaphically specialized Sandhills lily, <i>Lilium pyrophyllum</i> (Liliaceae): evidence from phylogenetic and coalescent analyses. <i>Molecular Ecology</i> , 2011, 20, 2901-2915.	2.0	14
34	Phylogeny-based developmental analyses illuminate evolution of inflorescence architectures in dogwoods (<i>Cornus</i> s. l., Cornaceae). <i>New Phytologist</i> , 2011, 191, 850-869.	3.5	32
35	Resolving and dating the phylogeny of Cornales – Effects of taxon sampling, data partitions, and fossil calibrations. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 123-138.	1.2	81
36	Evidence for range stasis during the latter Pleistocene for the Atlantic Coastal Plain endemic genus, <i>Pyxidanthera</i> Michaux. <i>Molecular Ecology</i> , 2010, 19, 4302-4314.	2.0	13

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37	Phylogeny of <i>Abies</i> (Pinaceae) inferred from nrITS sequence data. <i>Taxon</i> , 2009, 58, 141-152.	0.4	46
38	Phylogeny, origin, and biogeographic history of <i>Aesculus</i> L. (Sapindales) – an update from combined analysis of DNA sequences, morphology, and fossils. <i>Taxon</i> , 2009, 58, 108-126.	0.4	52
39	Estimating ancestral distributions of lineages with uncertain sister groups: a statistical approach to Dispersal – Vicariance Analysis and a case using <i>Aesculus</i> L. (Sapindaceae) including fossils. <i>Journal of Systematics and Evolution</i> , 2009, 47, 349-368.	1.6	79
40	Intercontinental and intracontinental biogeography – patterns and methods. <i>Journal of Systematics and Evolution</i> , 2009, 47, 327-330.	1.6	9
41	Genetic analyses of the federally endangered <i>Echinacea laevigata</i> using amplified fragment length polymorphisms (AFLP) – Inferences in population genetic structure and mating system. <i>Conservation Genetics</i> , 2009, 10, 1-14.	0.8	19
42	Shoot regeneration of dwarf dogwood (<i>Cornus canadensis</i> L.) and morphological characterization of the regenerated plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2009, 97, 27-37.	1.2	17
43	Phylogeny and biogeography of Alangiaceae (Cornales) inferred from DNA sequences, morphology, and fossils. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 201-214.	1.2	27
44	Molecular evolution of PISTILLATA-like genes in the dogwood genus <i>Cornus</i> (Cornaceae). <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 175-195.	1.2	22
45	Rates of nucleotide substitution in Cornaceae (Cornales) – Pattern of variation and underlying causal factors. <i>Molecular Phylogenetics and Evolution</i> , 2008, 49, 327-342.	1.2	32
46	<i>Curtisia</i> (Cornales) from the Eocene of Europe and its phytogeographical significance. <i>Botanical Journal of the Linnean Society</i> , 2007, 155, 127-134.	0.8	21
47	Evolutionary patterns in the antR-Cor gene in the dwarf dogwood complex (<i>Cornus</i> , Cornaceae). <i>Genetica</i> , 2007, 130, 19-34.	0.5	10
48	Species level phylogeny of the genus <i>Cornus</i> (Cornaceae) based on molecular and morphological evidence – implications for taxonomy and Tertiary intercontinental migration. <i>Taxon</i> , 2006, 55, 9-30.	0.4	100
49	Ancestral chloroplast polymorphism and historical secondary contact in a broad hybrid zone of <i>Aesculus</i> (Sapindaceae). <i>American Journal of Botany</i> , 2006, 93, 377-388.	0.8	8
50	PHYLOGENY, BIOGEOGRAPHY, AND MOLECULAR DATING OF CORNELIAN CHERRIES (CORNUS, CORNACEAE): TRACKING TERTIARY PLANT MIGRATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1685-1700.	1.1	71
51	PHYLOGENY, BIOGEOGRAPHY, AND MOLECULAR DATING OF CORNELIAN CHERRIES (CORNUS, CORNACEAE): TRACKING TERTIARY PLANT MIGRATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1685.	1.1	5
52	Phylogenetic Analyses Identify 10 Classes of the Protein Disulfide Isomerase Family in Plants, Including Single-Domain Protein Disulfide Isomerase-Related Proteins. <i>Plant Physiology</i> , 2005, 137, 762-778.	2.3	198
53	TAXONOMY OF THE GONOLOBUS COMPLEX (APOCYNACEAE, ASCLEPIADOIDEAE) IN THE SOUTHEASTERN UNITED STATES: ISSR EVIDENCE AND PARSIMONY ANALYSIS. <i>Harvard Papers in Botany</i> , 2005, 10, 147-159.	0.1	3
54	Phylogeny, biogeography, and molecular dating of cornelian cherries (<i>Cornus</i> , Cornaceae): tracking Tertiary plant migration. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1685-700.	1.1	21

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55	REGIONAL DIFFERENCES IN RATES OF PLANT SPECIATION AND MOLECULAR EVOLUTION: A COMPARISON BETWEEN EASTERN ASIA AND EASTERN NORTH AMERICA. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2175.	1.1	15
56	Phylogenetic Analyses in <i>Cornus</i> Substantiate Ancestry of Xylem Supercooling Freezing Behavior and Reveal Lineage of Desiccation Related Proteins. <i>Plant Physiology</i> , 2004, 135, 1654-1665.	2.3	20
57	Phylogenetic relationships in <i>Abies</i> (Pinaceae): evidence from PCR-RFLP of the nuclear ribosomal DNA internal transcribed spacer region. <i>Botanical Journal of the Linnean Society</i> , 2004, 145, 425-435.	0.8	31
58	REGIONAL DIFFERENCES IN RATES OF PLANT SPECIATION AND MOLECULAR EVOLUTION: A COMPARISON BETWEEN EASTERN ASIA AND EASTERN NORTH AMERICA. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 2175-2184.	1.1	125
59	Heterogeneous evolution of the Myc-like Anthocyanin regulatory gene and its phylogenetic utility in <i>Cornus</i> L. (Cornaceae). <i>Molecular Phylogenetics and Evolution</i> , 2004, 33, 580-594.	1.2	37
60	Phylogenetic analyses of Cornales based on 26S rRNA and combined 26S rDNA and <i>matK</i> and <i>rbcl</i> sequence data. <i>American Journal of Botany</i> , 2003, 90, 1357-1372.	0.8	76
61	Relationships within Cornales and circumscription of Cornaceae using <i>matK</i> and <i>rbcl</i> sequence data and effects of outgroups and long branches. <i>Molecular Phylogenetics and Evolution</i> , 2002, 24, 35-57.	1.2	81
62	Phylogenetic relationships and evolution in <i>Chrysosplenium</i> (Saxifragaceae) based on <i>matK</i> sequence data. <i>American Journal of Botany</i> , 2001, 88, 883-893.	0.8	64
63	Phylogenetic relationships within <i>Cornus</i> (Cornaceae) based on 26S rDNA sequences. <i>American Journal of Botany</i> , 2001, 88, 1131-1138.	0.8	62
64	Timing the Eastern Asian-Estern North American Floristic Disjunction: Molecular Clock Corroborates Paleontological Estimates. <i>Molecular Phylogenetics and Evolution</i> , 2000, 15, 462-472.	1.2	232
65	The Eastern Asian and Eastern and Western North American Floristic Disjunction: Congruent Phylogenetic Patterns in Seven Diverse Genera. <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 178-190.	1.2	183
66	Assessing hybridization in natural populations of <i>Penstemon</i> (Scrophulariaceae) using hypervariable intersimple sequence repeat (ISSR) bands. <i>Molecular Ecology</i> , 1998, 7, 1107-1125.	2.0	329
67	Phylogenetic relationships of Cornaceae and close relatives inferred from <i>matK</i> and <i>rbcl</i> sequences. <i>American Journal of Botany</i> , 1998, 85, 285-297.	0.8	131
68	Origin and Biogeography of <i>Aesculus</i> L. (Hippocastanaceae): A Molecular Phylogenetic Perspective. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 988.	1.1	43
69	Molecular evidence for polyploid origins in <i>Saxifraga</i> (Saxifragaceae): the narrow arctic endemic <i>S. svalbardensis</i> and its widespread allies. <i>American Journal of Botany</i> , 1998, 85, 135-143.	0.8	70
70	ORIGIN AND BIOGEOGRAPHY OF <i>AESCULUS</i> L. (HIPPOCASTANACEAE): A MOLECULAR PHYLOGENETIC PERSPECTIVE. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 988-997.	1.1	97
71	Phylogenetic Relationships in <i>Cornus</i> Based on Chloroplast DNA Restriction Sites: Implications for Biogeography and Character Evolution. <i>Systematic Botany</i> , 1996, 21, 515.	0.2	50
72	Relationships and evolution of Hydrangeaceae based on <i>rbcl</i> sequence data. <i>American Journal of Botany</i> , 1995, 82, 504-514.	0.8	70

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73	Relationships and evolution of Hydrangeaceae based on RbCl sequence data. , 1995, 82, 504.		32
74	Phylogenetic Relationships of Cornus L. Sensu Lato and Putative Relatives Inferred from rbcL Sequence Data. Annals of the Missouri Botanical Garden, 1993, 80, 723.	1.3	121